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PTO/SB/21 (6-99)

Approved for use through 09/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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JUL 13 2007

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission
(not including Evidence Appendix pages)

45

Application Number	09/992,643
Filing Date	November 14, 2001
First Named Inventor	David Botstein
Group/Art Unit	1646
Examiner Name	Elizabeth Kemmerer

Attorney Docket Number 39780-2730 P1C13

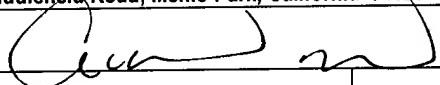
ENCLOSURES (check all that apply)

 Fee Transmittal Form Fee Attached Response After Final Version With Markings Showing Changes Declaration Extension of Time Request - 2 months Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 Copy of Notice Copy of an Assignment Drawing(s) Licensing-related Papers Petition Routing Slip (PTO/SB/69) and Accompanying Petition Petition to Convert to a Provisional Application Power of Attorney, by Assignee to Exclusion of Inventor Under 37 C.F.R. §3.71 With Revocation of Prior Powers Terminal Disclaimer Small Entity Statement Request for Refund After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter ADDITIONAL ENCLOSURE(S)
(PLEASE IDENTIFY BELOW): EVIDENCE APPENDIX ITEMS 1-155; AND RETURN POSTCARD

Remarks

AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT 08-1641 FOR ANY FEES DUE IN CONNECTION WITH THIS PAPER, REFERENCING ATTORNEY'S DOCKET NO. 39780-2730 P1C13.

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual name	HELLER EHRLICH LLP 275 Middlefield Road, Menlo Park, California 94025	GINGER R. DREGER (REG. NO. 33,055)
Signature		
Date	JULY 13, 2007	Customer Number: 35489

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and addressed to: MAIL STOP APPEAL BRIEF - PATENTS, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450, on this date: JULY 13, 2007

Express Mail Label EV 582 638 878 US

Typed or printed name	L. LAZO
Signature	
Date	JULY 13, 2007

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop _____, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

COMBINED FEE TRANSMITTAL for FY 2007

JUL 13 2007
Effect 12/08/2004. Patent fees are subject to annual revision.

PTO/SB/17 (12-04) (Revised) (For payment of 37 CFR 1.17 fees including (f), (g), (h), & (i))

Small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 950.00)

Complete if Known

Application Number	09/992,643
Filing Date	November 14, 2001
First Named Inventor	David Botstein
Examiner Name	Elizabeth Kemmerer
Art Unit	1646
Attorney Docket No.	39780-2730 P1C14

METHOD OF PAYMENT (check one)

<input type="checkbox"/> Check	<input type="checkbox"/> Credit card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other	<input type="checkbox"/> None
<input checked="" type="checkbox"/> Deposit Account				

Deposit Account Number: [08-1641 39780-2730 P1C13]

Deposit Account Name: Heller Ehrman LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below

Credit any overpayments and charge any deficiencies

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the deposit account

FEE CALCULATION (continued)

4. PETITION FEES UNDER 37 CFR 1.17 (f)	Fee Paid
Fee Code: 1462 Fee \$ 400 For petitions filed under: § 1.53(e); § 1.57(a); § 1.182; § 1.183; § 1.378(e); § 1.741(b)	

5. PETITION FEES UNDER 37 CFR 1.17 (g)	Fee Paid
Fee Code: 1463 Fee \$ 200 For petitions filed under: § 1.12; § 1.14; § 1.47; § 1.59; § 1.103(a); § 1.136(b); § 1.295; § 1.296; § 1.377; § 1.550(c); § 1.956; § 5.12; § 5.15; § 5.25	

6. PETITION FEES UNDER 37 CFR 1.17 (h)	Fee Paid
Fee Code: 1464 Fee \$ 130 For petitions filed under: § 1.19(g); § 1.84; § 1.91; § 1.102(d); § 1.138(c); § 1.313; § 1.314	

7. PROCESSING FEES UNDER 37 CFR 1.17 (i)	Fee Paid
Fee Code: 1808 (1803 for § 1.221) Fee \$ 130 For petitions filed under: § 1.28(c)(3); § 1.41; § 1.48; § 1.52(d); § 1.53(b)(3); § 1.55; § 1.99(e); § 1.103(b); § 1.103(c); § 1.103(d); § 1.217; § 1.221; § 1.291(c)(5); § 1.497(d); § 3.81	

8. OTHER FEES	Fee Paid
Entity Fee (\$)	Entity Fee (\$)
130	65
Surcharge - late filing fee or oath	
50	25
Surcharge - late provisional filing fee or cover sheet	
130	130
Non-English specification	
2,520	2,520
For filing a request for ex parte reexamination	
920*	920*
Requesting publication of SIR prior to Examiner action	
1,840*	1,840*
Requesting publication of SIR after Examiner action	
120	60
Extension for reply within first month	
450	225
Extension for reply within second month	450.00
1,020	510
Extension for reply within third month	
1,590	795
Extension for reply within fourth month	
2,160	1,080
Extension for reply within fifth month	
500	250
Filing a brief in support of an appeal	500.00
790	395
Filing a submission after final rejection (37 CFR 1.129(a))	
1,510	1,510
Petition to institute a public use proceeding	
500	250
Petition to revive - unavoidably abandoned application	
1,500	750
Petition to revive - unintentionally abandoned application	
50	50
Processing fee for provisional appls (37 CFR 1.17(q))	
180	180
Submission of Information Disclosure Statement	
1,000	500
Request for oral hearing	
790	395
For each additional invention to be examined (37 CFR 1.129(b))	
790	395
Request for Continued Examination (RCE)	
900	900
Request for expedited examination of a design application	
Other fee (specify)	

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

	FILING FEES		SEARCH FEES		EXAMINATION FEES		
Applicati on Type	Entity Fee (\$)	Small Entity Fee (\$)	Entity Fee (\$)	Small Entity Fee (\$)	Entity Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	135	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
SUBTOTAL (1)				\$			

2. EXTRA CLAIM FEES

Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
50	25	Each claim in excess of 20 or, for Reissues, each claim in excess of 20 and more than in the original patent
200	100	Each Independent claim in excess of 3 or, for Reissues, each independent claim more than in the original patent
360	180	Multiple dependent claim, if not already paid

Extra Claims	Fee from above	Fee Paid
Total Claims	-20** =	x =
Independent Claims	-3** =	x =

**or number previously paid, if greater; For Reissues see below

Multiple Dependent	=

SUBTOTAL (2) \$

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof (round up to the a whole number). See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s)

Total Sheets	Extra Sheets	Number of each additional 50	Fee (\$)	Small Entity Fee (\$)
-100 =	/50 =		x 250 OR	x 125

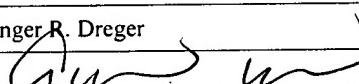
SUBTOTAL (3) \$

SUBTOTAL (4+5+6+7+8) \$ 950.00

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type) Ginger R. Dreger

Signature 

Complete (if applicable)

Registration No. (Attorney/Agent) 33,055 Telephone (650) 324-7000

Date July 13, 2007 Customer No. 35489